Mirics FlexiStream

Installation Guide

This document will guide you through the initial installation process and explain how to setup your system for viewing your live TV anywhere.

Mirics FlexiStream

Installation Guide

Introduction

Welcome to the world of Mirics FlexiStream. Powered by Mirics FlexiTV.

In this guide, you will find instructions for the installation of the server and client, as well as information on how to configure your router to enable remote viewing of your live TV channels.

Background

Mirics FlexiStream server software communicates with Mirics FlexiTV to receive the selected TV channel. The channel information is then converted to a compressed streaming format and sent to the client. The client controls the server and displays the TV channel, Electronic Program Guide (EPG) and status information so that you can see what the server is doing.

Quick Start / Hints and Tips

Within this guide there is information shown in these shaded boxes to help you get started quickly and to give you hints and tips on how to improve your experience with this Mirics product.

Tip

Follow us on Twitter for regular information on how to get the best out of your Mirics product and for regular updates.

twitter.com/FlexiStream

twitter.com/FlexiTV

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Prerequisites

The FlexiTV hardware should be installed as per the instructions.
The server and client should both meet the system requirements shown in the next section.
Administrative privileges are required for the installation.

System Requirements

Server

Windows 7 Home Premium or higher
2.0 GHz Core2 duo processor or higher
1GB RAM
256 MB free hard disk space (during installation)
512 MB free hard disk space (during streaming)

Client

Windows 7 Starter Edition or higher

1.6 GHz processor or higher

1GB RAM

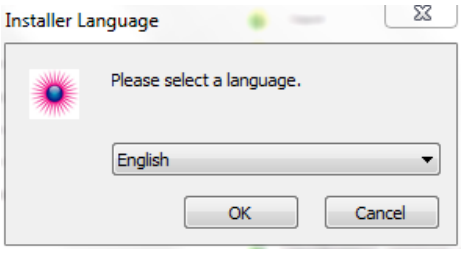
64 MB free hard disk space (during installation)

512 MB free hard disk space (during streaming)

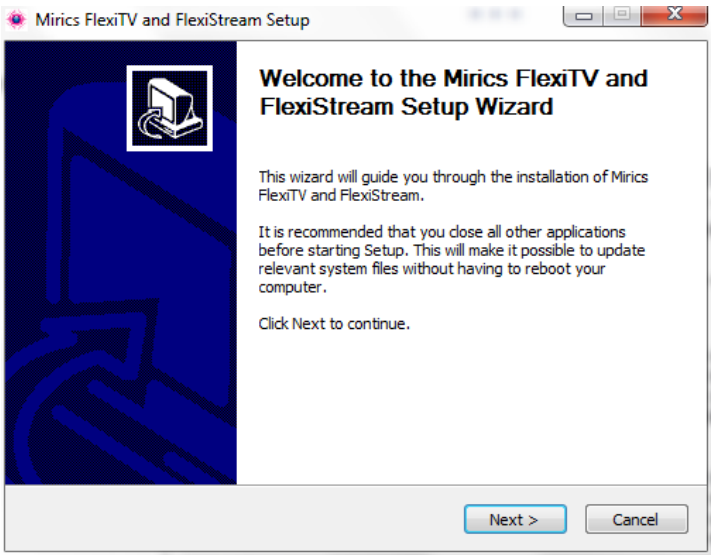
Installation Process

Double click on the supplied executable to start the install. Click Yes in the "downloaded from the internet" dialog box if it appears to start the installation.

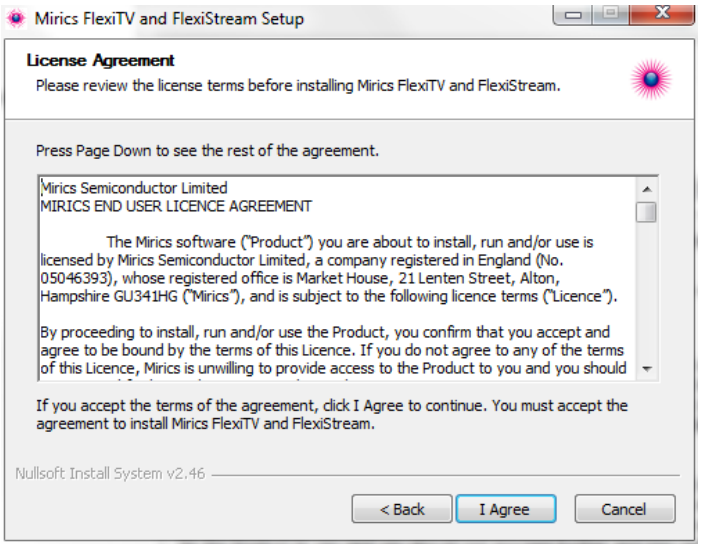
Select the required language and click OK.



Click Next at the Welcome screen.

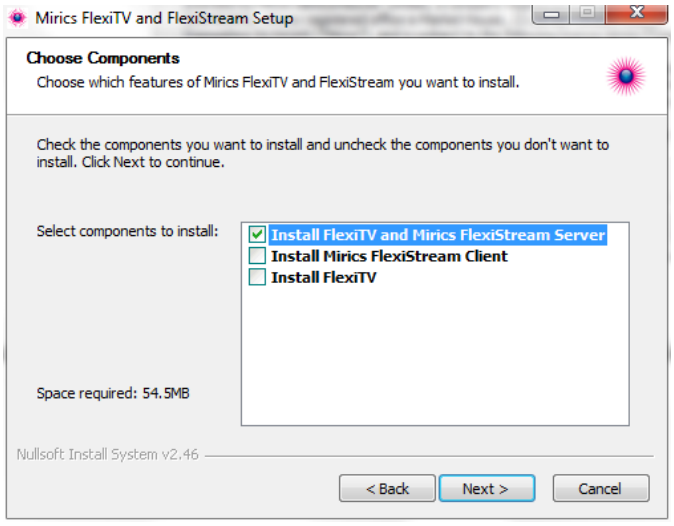

Mirics FlexiTV and FlexiStream Setup
Welcome to the Mirics FlexiTV and FlexiStream Setup Wizard
This wizard will guide you through the installation of Mirics FlexiTV and FlexiStream.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

Review the license agreement and then click I Agree to continue.

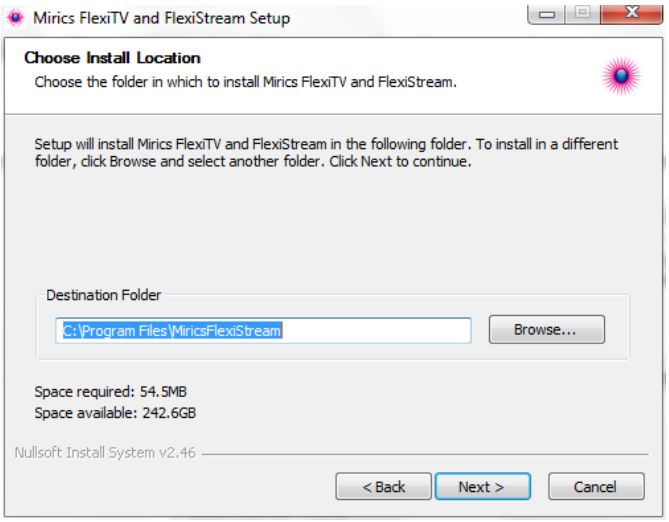

Mirics FlexiTV and FlexiStream Setup
License Agreement
Please review the license terms before installing Mirics FlexiTV and FlexiStream.
Press Page Down to see the rest of the agreement.
Mirics Semiconductor Limited
MIRICS END USER LICENCE AGREEMENT
The Mirics software ("Product") you are about to install, run and/or use is licensed by Mirics Semiconductor Limited, a company registered in England (No. 05046393), whose registered office is Market House, 21 Lenten Street, Alton, Hampshire GU341HG ("Mirics"), and is subject to the following licence terms ("Licence").
By proceeding to install, run and/or use the Product, you confirm that you accept and agree to be bound by the terms of this Licence. If you do not agree to any of the terms of this Licence, Mirics is unwilling to provide access to the Product to you and you should
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Mirics FlexiTV and FlexiStream.
Nullsoft Install System v2.46
< Back
I Agree
Cancel

At the component screen, select which software to install and click Next. The default selection installs the FlexiTV drivers and automatically continues to install FlexiStream so that you can watch your live TV channels on a remote device.

The other components that can be selected are the FlexiStream client and the FlexiTV drivers. The FlexiStream client should be installed on the remote PC that you want to view your TV channels on. The FlexiTV drivers are not required on the remote machine. They are also available to be installed on their own.

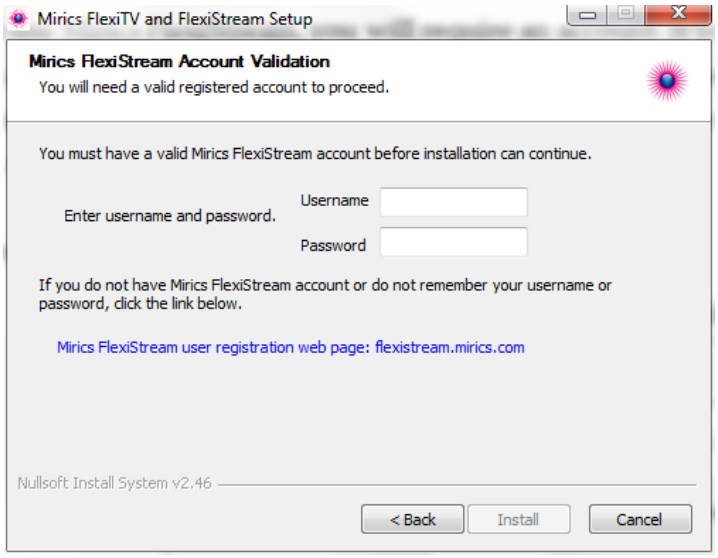

Mirics FlexiTV and FlexiStream Setup
Choose Components
Choose which features of Mirics FlexiTV and FlexiStream you want to install.
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.
Select components to install:
Install FlexiTV and Mirics FlexiStream Server
Install Mirics FlexiStream Client
Install FlexiTV
Space required: 54.5MB
Nullsoft Install System v2.46
< Back
Next >
Cancel

The next screen will tell you where the FlexiStream software will be installed. The FlexiTV drivers and software will be installed into a pre-determined directory. Review this and click Next.

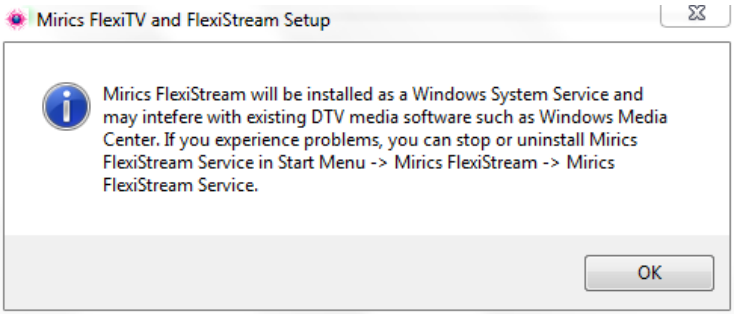

Mirics FlexiTV and FlexiStream Setup
Choose Install Location
Choose the folder in which to install Mirics FlexiTV and FlexiStream.
Setup will install Mirics FlexiTV and FlexiStream in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.
Destination Folder
C:\Program Files\MiricsFlexiStream
Browse...
Space required: 54.5MB
Space available: 242.6GB
Nullsoft Install System v2.46
< Back
Next >
Cancel

In order to use Mirics FlexiStream, you will require an account. If you already have registered and have your account name and password, enter them on the screen below and click Next. If you do not have an account, click on the web page link to register. Once you have registered you can then enter your details onto this page and click Install.

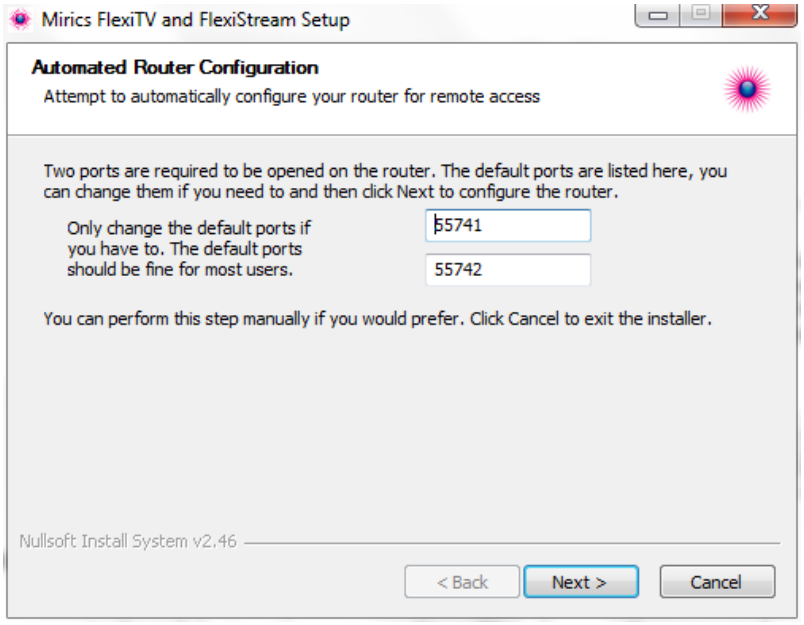
Note: The registration process is detailed on page 7.


Mirics FlexiTV and FlexiStream Setup
Mirics FlexiStream Account Validation
You will need a valid registered account to proceed.
You must have a valid Mirics FlexiStream account before installation can continue.
Enter username and password.
Username
Password
If you do not have Mirics FlexiStream account or do not remember your username or password, click the link below.
Mirics FlexiStream user registration web page: flexistream.mirics.com
Nullsoft Install System v2.46
< Back
Install
Cancel

If you have selected the server to be installed, the server service will start automatically. You will see an information message…


Mirics FlexiTV and FlexiStream Setup
Mirics FlexiStream will be installed as a Windows System Service and may intefere with existing DTV media software such as Windows Media Center. If you experience problems, you can stop or uninstall Mirics FlexiStream Service in Start Menu -> Mirics FlexiStream -> Mirics FlexiStream Service.
OK

After the server software has been installed, the router configuration page will appear.


Mirics FlexiTV and FlexiStream Setup
Automated Router Configuration
Attempt to automatically configure your router for remote access
Two ports are required to be opened on the router. The default ports are listed here, you can change them if you need to and then click Next to configure the router.
Only change the default ports if you have to. The default ports should be fine for most users.
55741
55742
You can perform this step manually if you would prefer. Click Cancel to exit the installer.
Nullsoft Install System v2.46
< Back
Next >
Cancel

The port numbers listed are the default ports used by FlexiStream. If you require different ports to be used, specify them here and click Next to begin the router configuration tool.

In order for you to be able to view your live TV channels remotely, the router must be configured to allow the traffic through. There are two ways this can be achieved. The default and easiest way is to allow Mirics FlexiStream software to configure your router using the uPnP interface. This requires your router to have a uPnP interface (common in most home use routers) and that it is enabled. If the interface is available on the router but not enabled, this automatic configuration will not work. Also, if the uPnP interface is disabled after the software is installed then again the automatic configuration will not work. The uPnP interface should remain enabled for the entire time that FlexiStream is installed on the server PC.

After the FlexiStream server software is installed and the default ports are reviewed, the router configuration tool starts…

Tip

Using uPnP is the easiest and quickest way to configure your router for FlexiStream.

The default configuration should work for most routers. Click OK to enable the tool to try to configure your router. If this fails, uncheck "Use UPnP to open port" and click OK. Note: only uncheck the UPnP option if your router is listed in Appendix A.

If the tool cannot connect to your router using default credentials, uncheck "Use default authorization" and specify your router's username and password. This will try to configure your router via the web interface.

If all of this is not successful, you will need to configure your router manually. Details of how to do this are in appendix B.

The software is now installed and ready for use.

Registration Process

It is a requirement to have a Mirics FlexiStream account in order to install the FlexiStream server or the client. You can register during the installation as shown above, or you can go directly to the Mirics FlexiStream Microsite and register there – http://flexistream.mirics.com

Register

Within the members section of the microsite, click on Create an Account. This will bring up the registration window. Enter the required fields and click on Register.

In order to register, a product code is required. This accompanies the hardware.

Please note: The username should be at least 5 characters long and the password needs to be at least 8 characters long.

Tip

Note: Your account will need to be activated before your FlexiStream will work.

Account Activation

Once you have registered, you will receive an email sent to the email address you specified during registration. This is required

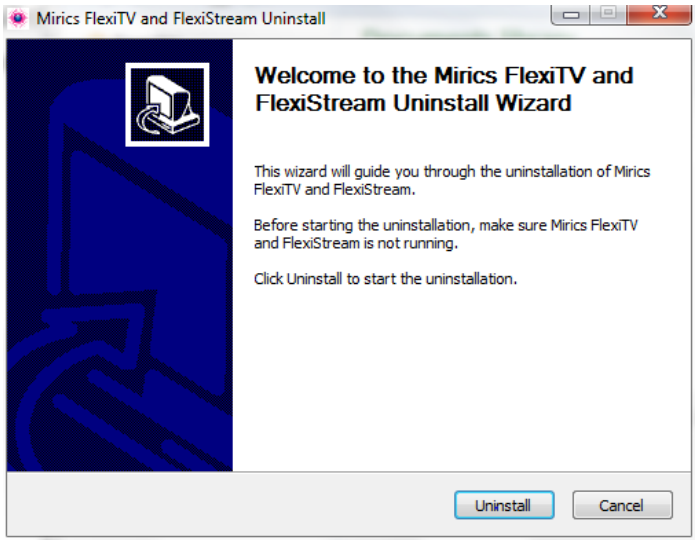
to fully validate and activate your account. The system will not function until you have activated your account.

Power Saving

An important thing to remember is that your FlexiStream server will need to remain on all the time you need it to respond to the client requests. If power saving is enabled on your server PC, you can disable it in the Appearance and Personalisation section of the Control Panel.

Uninstall

To uninstall the software, click on the Uninstall menu option from the Start menu. Click Uninstall on the following dialog box.


Mirics FlexiTV and FlexiStream Uninstall
Welcome to the Mirics FlexiTV and FlexiStream Uninstall Wizard
This wizard will guide you through the uninstallation of Mirics FlexiTV and FlexiStream.
Before starting the uninstallation, make sure Mirics FlexiTV and FlexiStream is not running.
Click Uninstall to start the uninstallation.
Uninstall
Cancel

If you have the server software installed, the server service will be stopped and removed and then the software will be removed.

Appendices

Appendix A: List of Web Interface Supported Routers

Please note: This list only applies if you need to use the web interface to configure the router. If you are using the uPnP interface then any uPnP enabled router is supported.

Manufacturer	Model
2Wire	1701HG 1000HG 2700HG-B 2700HG-S 2700HG-D 1800HG

Manufacturer	Model
	HomePortal 100 HomePortal 1000S/1000SW
3Com	3CR858-91 3CRTRV10075
Actiontec	R1524SU M1424-WR GT704-WG
AirLink+	AR315W AR325W AR410W AR525W
Belkin	F5D5231-4 F5D6230-3/F5D5230-4 F5D6231-3 F5D7230-4 F5D7231-4 F5D8230-4 F5D8231-4 N1 F5D9230-4
Buffalo	WBR2-G54S WZRG108 WHRG54S WYR-G54 WHRHPG54
CNet	CWR-854/CWR-854V
CompUSA	SKU 313831
Dell	WRTB-107GD340
DLink	DGL4100 DGL4300 DGL4300/DGL4100 DI514 Rev. E/DI774 Rev. A1 DI524 DI524 E1 DI524 DI604 DI624 DI624 DI624M DI624S DI704 DI704P DI704UP DI707P DI714P

Manufacturer	Model
	DI724U DI714Pplus DI764 DI784 DI804HV DI808HV DI824VUP DILB604 DIR-635 DIR-655 DSL G604T DVG1402S EBR-2310 WBR-2310 WBR-1310 DI634M DI-514vB1/DI-624vA
Dynex	DX-E401
eHome	EH100
Hawking	H2BR4 HBR49 HWR54G Rev M
Linksys	WRT54GP2 BEFSR11V2 BEFSR11V2 BEFSR11V2 BEFSR11V2/BEFSX41 BEFSR11V2/BEFSX41 BEFSR41v2 BEFSR41v3 BEFSR41v4 BEFSR81v3 2 BEFSX41 BEFSX41 BEFVP41 BEFW11S4v2 BEFW11S4v4 BEFW11S4v4 NR041 RT042 RT31P2 RV042 RVS4000 WRK54G WRT150N/WRT350N

Manufacturer	Model
	WRT300N WRT330N WRT54G/WRT54GSv4 WRT54GC WRT54GC WRT54GL WRT54GS WRT54GS WRT54GS WRT54GV5 WRT54GV5 WRT54GX WRT54GX2 WRT54GX4 WRT54GX4 WRT54GX4 WRT55AGv2 WRT55AGv2 WRTSL54GS WRV54G WTR54GS WRT54G-JP WRT54G-JP WRTP54G WRV200 WRK54G v2 WCG200 v2
Microsoft	MN300
Motorola	WR850G SBG900
Netgear	DG834G v1/v2 DG834 v1/DG834G v2 FR114P FVS318 FWG114P MR814V3 RP614 v3/v2 WGR101 WGR614v2/WGT624v2 WGR614v4 WGR614V5 WGR614V6 WGR614V6 WGR614V7 WGT624v3

Manufacturer	Model
	WGU624 NR854T WPN824 WPNT834 WNR834B WGT634U RP614 v4 RT311/RT314/RP114 RP614
Zoom	DSL X5v 5585
US Robotics	USR8054
Zonet	ZSR0104CP ZSR1134WE ZSR0104D
SMC	BR14UP BR14VPN BR18VPN SMC7004VBR SMC7008ABRv1 2804WBRP SMC2404WBR
StarTech	BR4100DC
TrendNet	TEW432BRP TEW511BRP TEW511BRP TEW631BRP TPL-111BR
TrendNet/Airnet	TEW452BRP/ AWR014G8
USR	5461 XX5462
Westell	B90-327W15-06 A90-210030-04
Uniden	WNR2004
ZyXEL	P-330W X-550

Appendix B: How to Configure Your Router Manually

Step 1: Fixing the local IP address of your server.

The PC that you will use as the Mirics FlexiStream server should have a fixed local IP address for the time it is being used. It is easiest to do this in the router and then leave the server PC to get its local IP address from the router. If the server's local IP address isn't fixed and if it changes from time to time, then you will have to repeat this port forwarding process.

Note: This should not be confused with your systems external IP address. That does NOT have to be fixed.

Within the router configuration, there will be a section for LAN IP CONFIGURATION. Within this section, find the PC you are using for the server and make sure the router always gives it the same IP address. Make a note of what this IP address is.

Step 2: Open up the ports.

There are two ports required to be open in the router. Within the router configuration, there will be a section for Port or Service configuration. The default ports required to be open are 55741 and 55742 and the format used is TCP. Give this configuration a name (FlexiStream)

Step 3: Forward the open ports to the server's local IP address.

The final step is to link the first two steps together. Again, in the router configuration there will be a section for Firewall rules/Port forwarding. Within that section, select a new incoming rule, and select the open port configuration created in step 2 (FlexiStream) and route it to the IP address used in step 1. Save this setup in the router.